



Taxonomic revision of the New World genus *Chlorotabanus* Lutz, 1913 (Diptera: Tabanidae)

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Abstract

The genus *Chlorotabanus* Lutz is revised herein based on examination of external morphology of type material and specimens from Brazilian and international institutions (total of 2,134 specimens, 201 males and 1,933 females). Eight currently valid species are recognized: *C. crepuscularis* (Bequaert, 1926); *C. fairchildi* Wilkerson, 1979; *C. flagellatus* Krolow & Henriques, 2009; *C. inanis* (Fabricius, 1787); *C. leucochlorus* Fairchild, 1961; *C. mexicanus* (Linnaeus, 1758); *C. ochreus* Philip & Fairchild, 1956; *C. parviceps* (Kröber, 1934). Three new species are described: *C. falsiflagellatus* **n. sp.** (Brazil, Amazonas), *C. leuconotus* **n. sp.** (Amazon region) and *C. microceratus* **n. sp.** (Brasil, Maranhão). *Tabanus tetrapunctus* Thunberg, 1827, previously synonymous with *C. mexicanus*, here is synonymous with *C. crepuscularis* (**new synonymy**). We provide diagnosis, descriptions, redescriptions, distribution records, illustrations and discussion for all species, as well as a dichotomous key for identification of females.

Key words: horse flies, Diachlorini, identification key, new species, redescriptions